

DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS4800 STOCKDALE HWY., SUITE # 417
BAKERSFIELD, CALIFORNIA 93309
(805) 322-4031

June 6, 1989

Mr. J. M. Gray, Jr.
TEXACO REFINING & MARKETING INC.
6451 Rosedale Hwy.
Bakersfield, CA 93302WATER DISPOSAL PROJECT
Fruitvale Field
Main Area
Etchegoin/Chanac Zones
Sec. 27, T.30S., R.27E.
29

Dear Sir:

The continuance of your water disposal project in the above referenced field and zone is approved provided that:

1. Form OG105 shall be used whenever a new well is to be drilled for use as an injection well and Form OG107 shall be filed whenever an existing well is to be converted to an injected well, even if no work is required. (Specific requirements will be outlined in our answer to your notice.)
2. A monthly statement shall be filed with this Division on our Form OG110B on or before the last day of each month, for the preceding month, showing the amount of fluid injected, pressure required and source of injected fluid.
3. A chemical analysis of the fluid to be injected shall be made and filed with this Division whenever the source of injection fluid is changed, or as requested by this office.
4. An accurate, operating pressure gauge or chart shall be maintained at the wellhead at all times. Additional pressure monitoring devices may be required for wells equipped with packers or multiple tubing strings.
5. All injection wells shall be equipped with tubing and packer set immediately above the approved zone of injection upon completion or recompletion.
6. Injection profile surveys for all fluid injection wells shall be filed with the Division within three (3) months after injection has commenced, once every year thereafter, after any significant anomalous rate or pressure change, or as requested by the Division, to confirm that the injection fluid is confined to the proper zone or zones. This monitoring schedule may be modified by the district deputy. This office shall be notified before such surveys are made, as surveys may be witnessed by the Division inspector.
7. Data shall be maintained to show performance of the project and to establish that no damage to life, health, property, or natural resources is occurring by reason of the project. Injection shall be stopped if there is evidence of much damage, of loss of hydrocarbons, or upon written notice from the Division. Project data shall be available for periodic inspection by Division personnel.

8. The injection pressure gradient at the top of the injection zone in any injection well shall not exceed 0.8 psi/ft., without approval from this Division. Additional tests may be required to establish that no damage will occur due to excessive injection pressure.
9. All injection piping, valves, and facilities shall meet or exceed design standards for the injection pressure and shall be maintained in a safe and leak-free condition.
10. This office shall be notified of any anticipated changes in a project resulting in alteration of conditions originally approved, such as: increase in size, change of injection interval, or increase in injection pressures. Such changes shall not be carried out without Division approval.
11. Additional data will be supplied upon the request of the Division.

Yours truly,



E. A. Welge
Deputy Supervisor

cc: RWQCB
UIC file

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6451 Rosedale Hwy.
Bakersfield, CA 93302WATER DISPOSAL PROJECT
Fruitvale Field
Main Area
Santa Margarita Zone
Sec. 27, T.29S., R.27E.

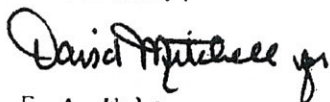
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